Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 18 Aug 2022 until 23:59 on Friday 19 Aug 2022

Forecast Issued on Wednesday 17 Aug 2022 at 16:44

Confidence: High confidence in overall unsettled pattern.

Headline for Thursday 18 Aug 2022: A cloudy day with rain later.

Mountain weather hazards on Thursday 18 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain	Heavy Rain	Drizzle
Precipitation probability							
00%	<05%	<05%	<05%	20%	60%	60%	40%

Forecast for Thursday 18 Aug 2022

Weather: Cloudy during the early hours of the morning with some patchy low cloud possibly forming across the summits towards dawn. Low cloud clearing but high cloud persisting throughout the morning. From midday, cloud starts to thicken and lower as a band of rain approaches from the west. Rain and low cloud then persisting into the evening gradually breaking up overnight. Breezy during the afternoon and evening.

Chance of cloud-free hill tops above 600m: 60% in the early hours, increasing to 100%. Deteriorating during the afternoon to 40%.

Low cloud and visibility: Poor visibility in patchy low cloud base 400-500m over summits at first. Then good through the morning but deteriorating to poor during the afternoon in rain and widespread low cloud base 400m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 18 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SE	9/11 SE	10/14 S	14/19 SW	19/26 SW	17/24 SW	19/27 SW	19/27 SW	18/26 SW
300	4/10 E	4/9 SE	7/12 SE	11/16 S	15/22 SW	12/19 SW	14/22 SW	13/23 SW	13/20 SW
Valley	6/11 E	3/8 E	3/10 SE	9/16 S	11/21 SW	8/18 SW	9/21 SW	9/21 SW	9/20 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/10	11/9	12/10	13/11	15/12	15/12	14/11	14/11	14/11
300	13/12	13/12	14/12	16/14	18/15	18/16	17/15	16/15	16/14
Valley	13/12	13/12	14/14	16/15	19/17	18/17	17/16	17/16	16/15
Freezing Level*	2800m	2600m	2300m	3200m	3300m	3400m	3300m	3000m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A generally fine morning with strong sunshine possible in any cloud breaks. Poor during the afternoon and feeling cool in the rain with a fresh wind.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 17 Aug 2022	3.4mm	3.4mm	3.4mm

Forecast for Friday 19 Aug 2022

Weather: Cloud clearing in the early hours of Friday morning to give a fine and bright start. Scattered fair weather cloud developing late morning and continuing through the afternoon. Likely staying dry. Feeling cooler than Thursday despite the sunshine.

Maximum wind: Westerly 15mph gusting 25-30mph.

Chance of cloud-free hill tops above 600m: >95%

Low cloud and visibility: Good visibility throughout.

Temperature: **Valleys:** Plus 10 Celsius increasing to 17 Celsius.
At 600m: Plus 10 Celsius
Freezing level: Above summits.

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